

EAST Search History

| Ref # | Hits | Search Query | DBs | Default Operator | Plurals | Time Stamp |
|-------|---------|--|-----------------|------------------|---------|------------------|
| S1 | 231070 | printer (image adj forming adj apparatus) (information adj processing adj apparatus) | US-PGPUB; USPAT | OR | ON | 2005/08/02 10:51 |
| S2 | 66106 | (consumable near unit) photoconductor (charg\$4 near roller) toner | US-PGPUB; USPAT | OR | ON | 2005/08/02 13:19 |
| S3 | 5310 | software near network | US-PGPUB; USPAT | OR | ON | 2005/08/02 11:02 |
| S4 | 102 | S1 and S2 and S3 | US-PGPUB; USPAT | OR | ON | 2005/08/02 11:29 |
| S5 | 0 | software near (consumable adj unit) | US-PGPUB; USPAT | OR | ON | 2005/08/02 11:03 |
| S6 | 0 | software near (consumable near unit) | US-PGPUB; USPAT | OR | ON | 2005/08/02 11:03 |
| S7 | 7 | software near toner | US-PGPUB; USPAT | OR | ON | 2005/08/02 11:03 |
| S8 | 191 | printer near control near software | US-PGPUB; USPAT | OR | ON | 2005/08/02 11:30 |
| S9 | 38 | S1 and S2 and S8 | US-PGPUB; USPAT | OR | ON | 2005/08/02 11:32 |
| S10 | 13 | distribute near software near network | US-PGPUB; USPAT | OR | ON | 2005/08/02 11:31 |
| S11 | 0 | S9 and S10 | US-PGPUB; USPAT | OR | ON | 2005/08/02 11:31 |
| S12 | 1 | S3 and S9 | US-PGPUB; USPAT | OR | ON | 2005/08/02 11:53 |
| S13 | 1939 | distribution near server | US-PGPUB; USPAT | OR | ON | 2005/08/02 11:53 |
| S14 | 17 | S1 and S2 and S13 | US-PGPUB; USPAT | OR | ON | 2005/08/02 11:54 |
| S15 | 1365830 | ((consumable near unit) photoconductor (charg\$4 near roller) toner) near information data | US-PGPUB; USPAT | OR | ON | 2005/08/02 13:20 |
| S16 | 32647 | control near software | US-PGPUB; USPAT | OR | ON | 2005/08/03 14:00 |
| S17 | 231070 | printer (image adj forming adj apparatus) (information adj processing adj apparatus) | US-PGPUB; USPAT | OR | ON | 2005/08/03 14:00 |
| S18 | 7251 | S17 and S16 | US-PGPUB; USPAT | OR | ON | 2005/08/03 14:02 |
| S19 | 66106 | (consumable near unit) photoconductor (charg\$4 near roller) toner | US-PGPUB; USPAT | OR | ON | 2005/08/03 14:36 |

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|-----|--------|---|--------------------|----|----|------------------|
| S20 | 434 | information near S19 | US-PGPUB; USPAT | OR | ON | 2005/08/03 14:02 |
| S21 | 394 | S17 and S20 | US-PGPUB; USPAT | OR | ON | 2005/08/03 14:03 |
| S22 | 13 | S16 and S21 | US-PGPUB; USPAT | OR | ON | 2005/08/03 14:21 |
| S23 | 266 | print\$4 near control near software | US-PGPUB; USPAT | OR | ON | 2005/08/03 14:11 |
| S24 | 269 | (print\$4 (image adj form\$3)) near control near software | US-PGPUB; USPAT | OR | ON | 2005/08/03 14:12 |
| S25 | 54 | S19 and S24 | US-PGPUB; USPAT | OR | ON | 2005/08/08 14:05 |
| S26 | 13 | distribute near software near network | US-PGPUB; USPAT | OR | ON | 2005/08/03 14:13 |
| S27 | 534925 | network | US-PGPUB; USPAT | OR | ON | 2005/08/03 14:15 |
| S28 | 28 | S25 and S27 | US-PGPUB; USPAT | OR | ON | 2005/08/03 14:15 |
| S29 | 7762 | information adj processing adj apparatus | US-PGPUB; USPAT | OR | ON | 2005/08/03 14:22 |
| S30 | 21 | S16 and S19 and S27 and S29 | US-PGPUB; USPAT | OR | ON | 2005/08/03 14:22 |
| S31 | 1 | (consumable near unit) near photoconductor | US-PGPUB; USPAT | OR | ON | 2005/08/08 12:16 |
| S32 | 65780 | photoconductor toner (charging adj roller) | US-PGPUB; USPAT | OR | ON | 2005/08/05 09:40 |
| S33 | 851192 | detector sensor (id adj number) | US-PGPUB; USPAT | OR | ON | 2005/08/05 09:41 |
| S34 | 24732 | S32 and S33 | US-PGPUB; USPAT | OR | ON | 2005/08/05 09:42 |
| S35 | 0 | software near control near light near irradiat\$4 | US-PGPUB; USPAT | OR | ON | 2005/08/08 12:16 |
| S36 | 146 | control near light near irradiat\$4 | US-PGPUB; USPAT | OR | ON | 2005/08/08 12:17 |
| S37 | 30604 | photoconductor (photosensitive adj drum) | US-PGPUB; USPAT | OR | ON | 2005/08/08 12:18 |
| S38 | 10 | S36 and S37 | US-PGPUB; USPAT | OR | ON | 2005/08/08 14:42 |
| S39 | 23072 | identification adj code | US-PGPUB; USPAT | OR | ON | 2005/08/08 14:12 |
| S40 | 18278 | consumable | US-PGPUB; USPAT | OR | ON | 2005/08/08 14:06 |
| S41 | 327 | S39 and S40 | US-PGPUB; USPAT | OR | ON | 2005/08/08 14:06 |

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|-----|--------|--|------------------------------|----|-----|------------------|
| S43 | 224 | S41 and S42 | US-PGPUB; USPAT | OR | ON | 2005/08/08 14:06 |
| S44 | 556284 | network server | US-PGPUB; USPAT | OR | ON | 2005/08/08 14:06 |
| S45 | 437790 | software | US-PGPUB; USPAT | OR | ON | 2005/08/08 14:09 |
| S46 | 190 | S43 and S44 | US-PGPUB; USPAT | OR | ON | 2005/08/08 14:11 |
| S47 | 226502 | (image adj forming adj apparatus) printer | US-PGPUB; USPAT | OR | ON | 2005/08/08 14:11 |
| S48 | 2 | (identification adj code) near consumable | US-PGPUB; USPAT | OR | ON | 2005/08/08 14:12 |
| S49 | 746870 | irradiat\$4 radiat\$4 illuminat\$4 | US-PGPUB; USPAT | OR | ON | 2005/08/08 15:00 |
| S50 | 18015 | S37 and S49 | US-PGPUB; USPAT | OR | ON | 2005/08/08 14:59 |
| S51 | 69 | S39 and S50 | US-PGPUB; USPAT | OR | ON | 2005/08/08 15:36 |
| S52 | 22 | control near light near amount near (irradiat\$4 radiat\$4 illuminat\$4) | US-PGPUB; USPAT | OR | ON | 2005/08/08 15:37 |
| S53 | 3 | S47 and S52 | US-PGPUB; USPAT | OR | ON | 2005/08/08 15:01 |
| S54 | 6 | ("3792964" "4021107" "4739368" "4804576" "5038170" "5486882").PN. | US-PGPUB; USPAT; USOCR | OR | ON | 2005/08/08 15:14 |
| S55 | 2 | ("5752129").URPN. | USPAT | OR | ON | 2005/08/08 15:14 |
| S56 | 8 | ("3792964" "4021107" "4739368" "4804576" "5038170" "5486882").PN. OR ("5752129"). URPN. | US-PGPUB; USPAT; USOCR | OR | ON | 2005/08/08 15:28 |
| S57 | 22616 | lamp near (irradiat\$4 radiat\$4 illuminat\$4) | US-PGPUB; USPAT | OR | ON | 2005/08/08 15:32 |
| S58 | 2035 | S37 and S57 | US-PGPUB; USPAT | OR | ON | 2005/08/08 15:32 |
| S59 | 1 | ("3666363").PN. | US-PGPUB; USPAT | OR | OFF | 2005/08/08 15:35 |
| S60 | 10364 | control near (irradiat\$4 radiat\$4 illuminat\$4) | US-PGPUB; USPAT | OR | ON | 2005/08/08 15:37 |
| S61 | 1008 | S47 and S60 | US-PGPUB; USPAT | OR | ON | 2005/08/08 15:37 |
| S62 | 226702 | (image adj forming adj apparatus) printer | US-PGPUB; USPAT | OR | ON | 2005/08/09 12:10 |
| S63 | 1 | ("20020143893").PN. | US-PGPUB; USPAT | OR | OFF | 2005/08/09 12:28 |

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|-----|-------|---|--------------------|----|-----|------------------|
| S66 | 2697 | light near amount near control | US-PGPUB; USPAT | OR | ON | 2005/08/09 12:30 |
| S67 | 0 | light near amount near control1 and S66 | US-PGPUB; USPAT | OR | ON | 2005/08/09 12:30 |
| S68 | 410 | S62 and S66 | US-PGPUB; USPAT | OR | ON | 2005/08/09 14:46 |
| S69 | 1 | light near amount near setting near software | US-PGPUB; USPAT | OR | ON | 2005/08/09 12:30 |
| S70 | 2 | light near setting near software | US-PGPUB; USPAT | OR | ON | 2005/08/09 12:30 |
| S71 | 1 | ("6771385").PN. | US-PGPUB; USPAT | OR | OFF | 2005/08/09 14:46 |
| S72 | 1 | ("6771385").PN. | US-PGPUB; USPAT | OR | OFF | 2005/08/10 11:56 |
| S73 | 36 | (prompt pop-up display window) near update near software | US-PGPUB; USPAT | OR | ON | 2005/08/10 11:59 |
| S74 | 0 | display near (prompt pop-up window) near update near software | US-PGPUB; USPAT | OR | ON | 2005/08/10 12:00 |
| S75 | 0 | display near (prompt pop-up window) near updat\$4 near software | US-PGPUB; USPAT | OR | ON | 2005/08/10 12:11 |
| S76 | 71 | display near (prompt pop-up window) near software | US-PGPUB; USPAT | OR | ON | 2005/08/10 12:04 |
| S77 | 115 | display near (prompt pop-up window) near updat\$4 | US-PGPUB; USPAT | OR | ON | 2005/08/10 12:04 |
| S78 | 25324 | display near (prompt pop-up window) | US-PGPUB; USPAT | OR | ON | 2005/08/10 12:05 |
| S79 | 6419 | updat\$3 near software | US-PGPUB; USPAT | OR | ON | 2005/08/10 12:05 |
| S80 | 508 | S78 and S79 | US-PGPUB; USPAT | OR | ON | 2005/08/10 12:05 |
| S81 | 63898 | (information data) near chang\$4 | US-PGPUB; USPAT | OR | ON | 2005/08/10 12:06 |
| S82 | 173 | S80 and S81 | US-PGPUB; USPAT | OR | ON | 2005/08/10 12:07 |
| S83 | 1 | ("5802420").PN. | US-PGPUB; USPAT | OR | OFF | 2005/08/10 12:08 |
| S84 | 3 | display near (prompt pop-up window) near updat\$4 near (information data) | US-PGPUB; USPAT | OR | ON | 2005/08/10 12:53 |
| S85 | 7 | display near (prompt pop-up window) near version | US-PGPUB; USPAT | OR | ON | 2005/08/10 13:09 |
| S86 | 103 | (pop adj up) near alert | US-PGPUB; USPAT | OR | ON | 2005/08/10 13:09 |

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|----------|-----|---|------------------------------|----|-----|------------------|
| S87 | 3 | S79 and S86 | US-PGPUB; USPAT | OR | ON | 2005/08/10 13:09 |
| S88 | 1 | ("20020143893").PN. | US-PGPUB; USPAT | OR | OFF | 2006/04/04 15:20 |
| S89 | 10 | "5500716" | US-PGPUB; USPAT | OR | ON | 2006/04/03 17:55 |
| S90 | 1 | "5500716".pn. | US-PGPUB; USPAT | OR | ON | 2006/04/03 17:55 |
| S91 | 1 | "6512896".pn. | US-PGPUB; USPAT | OR | ON | 2006/04/03 17:55 |
| S92 | 5 | ("5051778" "5572292" "5708912" "5822646" "RE35751").PN. | US-PGPUB; USPAT; USOCR | OR | ON | 2006/04/03 17:57 |
| S93 | 1 | "5802420".pn. | US-PGPUB; USPAT | OR | ON | 2006/04/04 15:25 |
| S94 | 87 | toner near memory | US-PGPUB; USPAT | OR | ON | 2006/04/04 15:25 |
| S95 | 77 | (toner near cartridge) near memory | US-PGPUB; USPAT | OR | ON | 2006/04/04 15:25 |
| S96 | 0 | (different near software) same consumable | US-PGPUB; USPAT | OR | ON | 2006/07/25 11:06 |
| S97 | 4 | (different near5 software) same consumable | US-PGPUB; USPAT | OR | ON | 2006/07/25 11:06 |
| S98 | 1 | "6527256".pn. | US-PGPUB; USPAT | OR | ON | 2007/01/31 14:54 |
| S99 | 1 | "6527356".pn. | US-PGPUB; USPAT | OR | ON | 2007/01/31 16:08 |
| S10 0 | 1 | "20020181015".pn. | US-PGPUB; USPAT | OR | ON | 2007/01/31 16:09 |
| S10 1 | 16 | ("5564841" "5812156" "5925889" " 5995774" "6000773" "6039430" "60 97497" "6099178" "6291829" "6375 298" "6425650" "6527356" "654736 3" "6577907" "6658219" "6808255").PN. | US-PGPUB; USPAT | OR | ON | 2007/01/31 16:11 |
| S10 2 | 17 | ("5564841" "5812156" "5925889" " 5995774" "6000773" "6039430" "60 97497" "6099178" "6291829" "6375 298" "6425650" "6527356" "654736 3" "6577907" "6658219" "6808255" "6802659").PN. | US-PGPUB; USPAT | OR | ON | 2007/01/31 16:11 |
| S10 3 | 196 | 717/172.ccls. | US-PGPUB; USPAT | OR | ON | 2007/02/03 15:34 |
| S10 4 | 440 | 347/16.ccls. | US-PGPUB; USPAT | OR | ON | 2007/02/03 15:35 |

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|----------|-----|---|------------------------------|----|----|------------------|
| S10 5 | 388 | print\$4 near control near software | US-PGPUB; USPAT | OR | ON | 2007/02/03 15:35 |
| S10 6 | 0 | S105 and S103 | US-PGPUB; USPAT | OR | ON | 2007/02/03 15:35 |
| S10 7 | 4 | S105 and S104 | US-PGPUB; USPAT | OR | ON | 2007/02/03 15:35 |
| S10 8 | 60 | ("4129855" "4247758" "4527171" "4663625" "4742470" "4806958" "4880325" "5008661" "5019815" "5049898" "5049904" "5078523" "5104247" "5105190" "5184152" "5184181" "5185315" "5196846" "5196862" "5224784" "5266968" "5268708" "5297881" "5305020" "5318370" "5331338" "5342671" "5361085" "5385416" "5426011" "5430441" "5455617" "5488223" "5491327" "5491468" "5493385" "5504507" "5513920" "5562352" "5565906" "5598201" "5600350" "5600352" "5610635" "5620265" "5635969" "5647679" "5661515" "5713288" "5728576" "5742306" "5755519" "5757394" "5774639").PN. OR ("6527356"). URPN. | US-PGPUB; USPAT; USOCR | OR | ON | 2007/06/06 11:20 |
| S10 9 | 33 | ((software information data) same (printer (image near form\$4 near apparatus))) and S108 | US-PGPUB; USPAT | OR | ON | 2007/06/06 11:23 |
| S11 0 | 4 | (software same (printer (image near form\$4 near apparatus))) and S108 | US-PGPUB; USPAT | OR | ON | 2007/06/06 11:23 |
| S11 1 | 0 | (product\$4 near (data information)) same (operat\$4 near (data information)) same (consumable near unit) | US-PGPUB; USPAT | OR | ON | 2007/10/12 14:23 |
| S11 2 | 2 | (product\$4 near (data information)) same (operat\$4 near (data information)) same consumable | US-PGPUB; USPAT | OR | ON | 2007/10/12 14:24 |
| S11 3 | 0 | identifier same (operat\$4 near (data information)) same consumable same (storage memory) | US-PGPUB; USPAT | OR | ON | 2007/10/12 14:24 |
| S11 4 | 70 | identifier same consumable same (storage memory) | US-PGPUB; USPAT | OR | ON | 2007/10/12 14:24 |
| S11 5 | 3 | identifier same consumable same (storage memory) same (software firmware) | US-PGPUB; USPAT | OR | ON | 2007/10/12 14:28 |

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|----------|-----|---|------------------------------|----|----|------------------|
| S11 6 | 2 | (control\$4 near software) same consumable same identifier | US-PGPUB; USPAT | OR | ON | 2007/10/12 14:29 |
| S11 7 | 14 | (control\$4 near software) same consumable same print\$4 | US-PGPUB; USPAT | OR | ON | 2007/10/15 13:29 |
| S11 8 | 67 | ("4961088" "5272503" "5283613" "5471564" "5491540" "5682140").PN. OR ("5930553"). URPN. | US-PGPUB; USPAT; USOCR | OR | ON | 2007/10/15 13:21 |
| S11 9 | 5 | (control\$4 near software) and S118 | US-PGPUB; USPAT | OR | ON | 2007/10/15 13:30 |
| S12 0 | 264 | control\$4 near (software program firmware) same (printer mfp fax facsimile (imag\$4 near process\$4 near (device apparatus))) same ("id" identifier) | US-PGPUB; USPAT | OR | ON | 2007/11/09 13:27 |
| S12 1 | 121 | control\$4 near (software program firmware) same (printer mfp fax facsimile (imag\$4 near process\$4 near (device apparatus))) same ("id" identifier) same (memory storage) | US-PGPUB; USPAT | OR | ON | 2007/11/09 12:47 |
| S12 2 | 17 | control\$4 near (software program firmware) with (printer mfp fax facsimile (imag\$4 near process\$4 near (device apparatus))) with ("id" identifier) with (memory storage) | US-PGPUB; USPAT | OR | ON | 2007/11/09 12:49 |
| S12 3 | 0 | control\$4 near (software program firmware) same (printer mfp fax facsimile (imag\$4 near process\$4 near (device apparatus))) same ("id" identifier) same (memory storage) same (predetermin\$4 near (amount value)) | US-PGPUB; USPAT | OR | ON | 2007/11/09 12:51 |
| S12 4 | 0 | control\$4 near (software program firmware) same (printer mfp fax facsimile (imag\$4 near process\$4 near (device apparatus))) same ("id" identifier) same (predetermin\$4 near (amount value)) | US-PGPUB; USPAT | OR | ON | 2007/11/09 12:52 |
| S12 5 | 0 | (control\$4 near (software program firmware) same (printer mfp fax facsimile (imag\$4 near process\$4 near (device apparatus))) same ("id" identifier) same (predetermin\$4 near (amount value))).clm. | US-PGPUB; USPAT | OR | ON | 2007/11/09 12:53 |

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| S12 6 | 0 | (control\$4 near (software program firmware) same (printer mfp fax facsimile (imag\$4 near (form\$4 process\$4) near (device apparatus))) same ("id" identifier) same (predetermin\$4 near (amount value))).clm. | US-PGPUB; USPAT | OR | ON | 2007/11/09 12:53 |
| S12 7 | 1 | control\$4 near (software program firmware) same (printer mfp fax facsimile (imag\$4 near (form\$4 process\$4) near (device apparatus))) same ("id" identifier) same (predetermin\$4 near (amount value)) | US-PGPUB; USPAT | OR | ON | 2007/11/09 12:54 |
| S12 8 | 368 | 399/8.ccls. | US-PGPUB; USPAT | OR | ON | 2007/11/09 13:26 |
| S12 9 | 0 | S120 and S128 | US-PGPUB; USPAT | OR | ON | 2007/11/09 13:26 |
| S13 0 | 540 | 399/12.ccls. | US-PGPUB; USPAT | OR | ON | 2007/11/09 13:26 |
| S13 1 | 0 | S120 and S130 | US-PGPUB; USPAT | OR | ON | 2007/11/09 13:27 |
| S13 2 | 297 | control\$4 near (software program firmware) same (printer mfp fax facsimile (imag\$4 near (form\$4 process\$4) near (device apparatus))) same ("id" identifier) | US-PGPUB; USPAT | OR | ON | 2007/11/09 13:27 |
| S13 3 | 3 | S128 and S132 | US-PGPUB; USPAT | OR | ON | 2007/11/09 13:28 |
| S13 4 | 2 | S130 and S132 | US-PGPUB; USPAT | OR | ON | 2007/11/09 13:28 |